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# **COST OF STORING AND HANDLING COTTON AT PUBLIC STORAGE FACILITIES**

1972-73, with projections for 1974-75

## ABSTRACT

The cotton warehousing industry was able to hold the line on storage and handling costs in fiscal 1972-73 despite continuing increases in input costs. An increase in the average occupancy level of about 5 percent offset increases in labor costs and increases in capital expenditures. These findings are based on analysis of accounting and other data obtained by mail questionnaire from warehouse and compress facilities.

The types of cost given are (1) total cost for all facilities, (2) out-of-pocket cost which excludes depreciation and interest on investment, and (3) projected cost for 1974-75 based on projected disappearance and production levels of 13.0 million and 14.5 million bales, respectively.

Keywords: Cotton Costs, Storage, Warehouses, Projections.

## PREFACE

This report is the sixth in a series of studies designed to determine costs of storing and handling cotton in public storage facilities. These studies have been used by both industry and government as background information in discussions concerning rates to be paid for storing and handling government-owned or controlled cotton. Moreover, these data form an integral part of a broader study designed to determine optimum warehouse locations and cotton shipping patterns.

Continued strong support of this work by the members of the cotton warehousing industry and the Cotton Warehouse Association of America is acknowledged. Special thanks are due Nobel T. Veal and Robert L. Otto, Automatic Data Processing Group, Commodity Economics Division, for assistance in computer program development.

## RELATED STUDIES

Cost of Storing and Handling Cotton at Public Storage Facilities, 1964-65. U.S. Dept. Agr., Econ. Res. Serv., ERS-306, Oct. 1966.

Cost of Storing and Handling Cotton at Public Storage Facilities, 1968-69, With Projections for 1969-70 and 1970-71. U.S. Dept. Agr., Econ. Res. Serv., ERS-443, April 1970.

Cost of Storing and Handling Cotton at Public Storage Facilities, 1969-70, With Projections for 1971-72. U.S. Dept. Agr., Econ. Res. Serv., ERS-472, March 1971.

Cost of Storing and Handling Cotton at Public Storage Facilities, 1970-71, With Projections for 1972-73. U.S. Dept. Agr., Econ. Res. Serv., ERS-502, April 1972.

Cost of Storing and Handling Cotton at Public Storage Facilities, 1971-72, With Projections for 1973-74. U.S. Dept. Agr., Econ. Res. Serv., ERS-515, April 1973.

Storing and Handling Cotton in Public Facilities--An Evaluation of Cost Structures in 1964-65 and 1969-70. U.S. Dept. Agr., Econ. Res. Serv., ERS-469, April 1971.

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COST OF STORING AND HANDLING COTTON AT PUBLIC STORAGE  
FACILITIES, 1972-73, WITH PROJECTIONS FOR 1974-75

by

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HIGHLIGHTS

Book Costs

Increased average occupancy levels of about 5 percent enabled warehousemen throughout the Cotton Belt to hold the line on unit storage cost in spite of increasing input cost experienced during fiscal 1972-73. The Beltwide average total standardized cost for storage decreased slightly from \$7.608 per bale per year (63.4 cents per month) in 1971-72 to \$7.411 (61.8 cents per month) in 1972-73. These costs varied from a high of \$11.177 per bale per year (93.1 cents per month) in the Gulf ports to a low of \$6.465 per bale per year in the Southwest (53.9 cents per month) (table 2). The lower cost in the Southwest was largely attributable to substantial increases in average occupancy levels of both warehouses and compresses. The contributing factors to the higher port costs were increased capital investments resulting in higher depreciation charges for plant and equipment and increases in labor costs.

Average out-of-pocket cost for storing only was \$5.773 per bale per year (48.1 cents per month) in 1972-73, compared with \$5.856 per bale per year (48.8 cents per month) in 1971-72.

Total handling and storage costs also declined slightly in fiscal 1972-73. For all plants the total combined cost for receiving, storing for 12 months, breaking out, and shipping averaged \$9.422 per bale in 1972-73, compared with \$9.812 in 1971-72. Such costs varied from \$13.721 in the Gulf ports to \$8.178 in the Southwest. Generally, total costs for receiving, storing, breaking out, and shipping were lower in compresses, probably reflecting a higher degree of mechanization of all functions.

Average receiving cost varied significantly between areas, from \$0.504 for Western compresses to \$1.337 in the Southeast. For the Belt as a whole, these costs averaged \$1.051 and \$0.914 for warehouses and compresses, respectively. The average receiving cost for warehouses and compresses combined was \$0.950 per bale.

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1/ Economist and Agricultural Economist, Commodity Economics Division, Economic Research Service, Washington, D.C. and Stoneville, Miss., respectively.



Other services routinely requiring in-and-out handling are breaking out and shipping. Standardized book cost for breakout averaged \$0.469 per bale for warehouses and \$0.442 per bale for compresses in 1972-73. Comparable costs in 1971-72 were \$0.568 and \$0.449. Shipping costs averaged \$0.811 and \$0.546 for warehouses and compresses, respectively, in 1972-73 compared with \$1.097 and \$0.598 a year earlier.

Standard density compression averaged \$1.908 per bale in 1972-73--up about \$0.090 from a year earlier. These costs varied from \$1.250 per bale in the Southeast to \$2.504 per bale in the West.

High density compression costs averaged slightly less in 1972-73 at \$2.117 per bale compared with \$2.235 in 1971-72.

These conclusions are based on an analysis of accounting and operational data obtained from a sample of 67 warehouses and compresses. Total capacity of the sample plants was about 34 percent of that for all plants approved for storing and handling cotton owned or controlled by the Commodity Credit Corporation (CCC). The number of plants in the sample represented about 11 percent of the total approved by the CCC. 2/

#### Replacement Costs

Sample data for 1972-73 were used to project estimates of cost for 1974-75, based on current projected disappearances and two levels of production. The resulting estimates reflect both projected changes in cost levels and changes in volumes handled and stored. Distribution of stocks among facilities was assumed to be the same as in 1972-73.

Total replacement cost for storage alone, based on estimated 1974-75 cost levels and a 13.0 million bale crop, for all areas and type of facilities combined, was estimated at \$10.102 per bale per year (84.2 cents per month) (table 3). These costs varied from \$13.047 per bale per year (\$1.087 per month) in the Southeast to \$8.662 per bale (72.2 cents per month) in the Southwest. The average out-of-pocket cost for storage alone was \$6.195 per year (51.6 cents per month) for the Belt and varied from \$8.226 in the Southeast (68.6 cents per month) to \$5.040 per year (42.0 cents per month) in the West. Cost for receiving in 1974-75 was estimated at \$1.200 per bale; for breakout, \$0.497 per bale; and for shipping, \$0.814 per bale, respectively.

For all plants in 1974-75, the total estimated combined replacement cost of receiving, storing for 12 months, breaking out, and shipping varied from \$16.680 per bale in the Southeast to \$10.820 in the Southwest. The Beltwide average was \$12.613. Out-of-pocket cost averaged \$8.065 per bale for the Belt and varied from a high of \$10.845 in the Southeast to a low of \$6.277 in the West.

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2/ For a comparison of the total number of active plants and total capacities in 1971-72 and 1972-73, see table 31.



The Beltwide average for standard density and high density compressions was estimated at \$2.450 and \$2.612 per bale, respectively.

Total storage cost reflecting a 14.5 million bale crop, and utilization of existing plants with stocks distributed among plants in the same patterns as existed in 1972-73, would average \$9.477 per bale (79.0 cents per month) for all plants (table 4). These cost estimates varied from \$12.843 annually (\$1.070 per month) in the Gulf ports to \$8.301 annually (69.2 cents per month) in the Southwest. Average out-of-pocket cost per bale for storage only would be \$6.092 (50.8 cents per month) for the Belt as a whole. Because of differences in handling methods, plant layout, etc., these costs would vary from \$7.205 annually (60.0 cents per month) at warehouses to \$5.753 annually (47.9 cents per month) at compresses.

Average costs for the other services normally performed were estimated at \$1.165, \$0.497, and \$0.814 for receiving, breaking out, and shipping, respectively. Standard and high density compression costs were estimated at \$2.340 and \$2.612 per bale.

Detailed information for all functions for 1972-73 and projected cost for 1974-75 (based on a 13.0 million bale crop) are shown in tables 5 through 24. Supply and distribution are shown in tables 25 through 27 and stocks of cotton in tables 28 through 30. A comparison of the number of facilities and the amount of space available by areas and type of facilities is shown in table 31.

## APPENDIX: METHODOLOGY

### Sampling

Questionnaires were mailed to the 91 operators (58 compresses and 33 warehouses) who participated in the 1971-72 study (U.S. Dept. Agr., ERS-515, April 1973). Followup letters were sent to nonrespondents and, in some instances, telephone calls were made to the owners or plant managers who had not returned the questionnaire. However, because of insufficient data, inability to contact owners or managers, and other factors, 24 firms were deleted from the sample. The remaining 51 compresses and 16 warehouses represent about 11 percent of the total number of plants and approximately 34 percent of the approved capacity of the universe.

### Depreciation and Interest

Book depreciation on buildings and equipment was not used because, in many cases, they had been fully depreciated and many firms did not show a cost for interest on investment. Use of book depreciation and interest would have had the effect of allowing substantial depreciation and interest charges not only for new plants but for old plants that had recently changed hands, but no depreciation or interest charges for plants of comparable age and structure that had been fully depreciated.



TABLE 2--STORING AND HANDLING COTTON: AVERAGE CCST PER BALE, BY AREA AND TYPE OF FACILITY, FISCAL 1972-73

AREA AND TYPE OF FACILITY	ESTIMATED BODK COST FOR--											
	RECEIVING	STORAGE	BREAKOUT	SHIPPING	STORAGE AND HANDLING	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	STANDARD- DENSITY :	HIGH- DENSITY :	COMPRESSION :	COMPRESSION
	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:	TOTAL :DUT-OF-:
	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :
	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:	1/ :COST 2/:
----- DOLLARS -----												
SOUTHEAST:												
WAREHOUSES.....	1.421	1.135	10.855	8.122	0.678	0.060	1.139	0.752	14.093	10.670	--	--
COMPRESSIONS.....	1.019	0.930	6.338	5.337	0.467	0.449	0.441	0.356	8.265	7.072	1.250	1.110
											3/	3/
ALL PLANTS....	1.337	1.093	10.118	7.668	0.633	0.615	0.989	0.667	13.078	10.042	1.250	1.110
											3/	3/
SOUTH CENTRAL:												
WAREHOUSES.....	0.969	0.853	6.241	4.965	0.418	0.373	0.659	0.519	8.283	6.709	--	--
COMPRESSIONS.....	0.880	0.769	6.903	5.534	0.529	0.503	0.599	0.464	8.911	7.270	1.832	1.599
											2.435	2.147
ALL PLANTS....	0.868	0.777	6.841	5.481	0.518	0.490	0.605	0.469	8.852	7.217	1.832	1.599
											2.435	2.147
SOUTHWEST:												
WAREHOUSES.....	0.671	0.549	6.842	5.326	0.263	0.235	0.508	0.385	8.284	6.494	--	--
COMPRESSIONS.....	1.024	0.910	6.373	5.089	0.355	0.341	0.439	0.345	8.191	6.686	2.095	1.848
											1.940	1.669
ALL PLANTS....	0.925	0.809	6.465	5.135	0.330	0.313	0.457	0.356	8.178	6.614	2.095	1.848
											1.940	1.669
WEST:												
COMPRESSIONS.....	0.504	0.414	7.056	5.137	0.353	0.343	0.564	0.372	8.477	6.266	2.504	2.225
											2.588	2.052
GULF PORTS:												
COMPRESSIONS.....	1.118	0.869	11.177	8.091	0.540	0.518	0.887	0.682	13.721	10.160	1.997	1.405
											2.010	1.450
UNITED STATES:												
WAREHOUSES.....	1.051	0.856	8.974	6.819	0.469	0.443	0.811	0.567	11.305	8.685	--	--
COMPRESSIONS.....	0.914	0.795	6.936	5.454	0.442	0.423	0.546	0.419	8.839	7.091	1.908	1.652
											2.117	1.784
ALL PLANTS....	0.950	0.811	7.412	5.773	0.449	0.428	0.612	0.456	9.422	7.468	1.908	1.652
											2.117	1.784

1/ INCLUDES STANDARDIZED DEPRECIATION AND ALLOWANCE FOR INTEREST ON INVESTMENT BASED ON ORIGINAL ACQUISITION COST.

2/ EXCLUDES DEPRECIATION AND INTEREST ON INVESTMENT.

3/ QU COTTON REPORTED AS BEING COMPRESSED TO HIGH DENSITY DURING 1972-73.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

TABLE 3--STOKING AND HANDLING COTTON: ESTIMATED WEIGHTED AVERAGE COST PER BALE, BASED ON 13.0-MILLION-BALE CROP,  
BY AREA AND TYPE OF FACILITY, FISCAL 1974-75 1/

AREA AND TYPE	ESTIMATED REPLACEMENT COST FOR--													
	RECEIVING	STORAGE	BREAKOUT	SHIPPING	STORAGE AND HANDLING	STANDARD DENSITY	COMPRESSION	HIGH-DENSITY COMPRESSION						
OF FACILITY	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:	TOTAL :OUT-OF-:						
	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :	COST :POCKET :						
	2/ :COST 3/:	2/ :COST 3/:	2/ :COST 3/:	2/ :COST 3/:	2/ :COST 3/:	2/ :COST 3/:	2/ :COST 3/:	2/ :COST 3/:						
----- DOLLARS -----														
SOUTHEAST:														
WAREHOUSES.....	1.754	1.252	13.661	8.680	0.754	0.735	1.416	0.818	17.585	11.485	--	--	--	--
COMPRESSES.....	1.377	1.037	9.896	5.899	0.519	0.500	0.661	0.392	12.452	7.828	2.024	1.242	4/	4/
ALL PLANTS...	1.676	1.207	13.047	8.226	0.704	0.684	1.254	0.727	16.680	10.845	2.024	1.242	4/	4/
SOUTH CENTRAL:														
WAREHOUSES.....	1.314	0.948	10.698	5.542	0.462	0.414	1.004	0.572	13.477	7.476	--	--	--	--
COMPRESSES.....	1.114	0.850	10.029	6.142	0.585	0.557	0.807	0.510	12.535	8.058	2.337	1.776	3.009	2.389
ALL PLANTS...	1.135	0.860	10.091	6.085	0.573	0.543	0.826	0.516	12.625	8.004	2.337	1.776	3.009	2.389
SOUTHWEST:														
WAREHOUSES.....	0.816	0.603	8.134	5.530	0.289	0.260	0.619	0.422	9.860	6.815	--	--	--	--
COMPRESSES.....	1.310	1.007	8.791	5.496	0.393	0.379	0.620	0.379	11.114	7.260	2.721	2.045	2.415	1.850
ALL PLANTS...	1.172	0.894	8.662	5.503	0.366	0.347	0.620	0.390	10.820	7.134	2.721	2.045	2.415	1.850
WEST:														
COMPRESSES.....	0.629	0.453	9.293	5.040	0.389	0.378	0.776	0.406	11.086	6.277	3.037	2.455	3.167	2.264
GULF PORTS:														
COMPRESSES.....	1.369	0.956	12.906	8.039	0.594	0.571	1.082	0.745	15.951	10.311	2.493	1.552	2.352	1.580
UNITED STATES:														
WAREHOUSES.....	1.309	0.944	11.646	7.284	0.520	0.493	1.026	0.619	14.502	9.340	--	--	--	--
COMPRESSES.....	1.162	0.879	9.632	5.864	0.489	0.469	0.743	0.459	12.027	7.671	2.450	1.833	2.612	1.975
ALL PLANTS...	1.200	0.896	10.102	6.195	0.497	0.475	0.814	0.499	12.613	8.065	2.450	1.833	2.612	1.975

1/ COSTS ARE BASED ON ESTIMATED 1974-75 PRICE LEVELS AND ESTIMATED PRODUCTION OF 13.0 MILLION BALES, BEGINNING INVENTORY OF 3.9 MILLION BALES IN PUBLIC STORAGE, AND DISAPPEARANCE OF 13.3 MILLION BALES.

2/ INCLUDES DEPRECIATION AND INTEREST ON INVESTMENT.

3/ EXCLUDES DEPRECIATION AND INTEREST ON INVESTMENT.

4/ NO COTTON REPORTED AS BEING COMPRESSED TO HIGH DENSITY DURING 1972-73.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.



TABLE 4--STORING AND HANDLING COTTON: ESTIMATED WEIGHTED AVERAGE COST PER BALE, BASED ON 14.5-MILLION-BALE CROP,  
BY AREA AND TYPE OF FACILITY, FISCAL 1974-75 1/

AREA AND TYPE OF FACILITY	ESTIMATED REPLACEMENT COST FOR--													
	RECEIVING		STORAGE		BREAKOUT		SHIPPING		STORAGE AND HANDLING		STANDARD- DENSITY COMPRESSION		HIGH- DENSITY COMPRESSION	
	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/	TOTAL :OUT-OF- :COST :POCKET : 2/ :COST 3/
SOUTHEAST:														
WAREHOUSES.....	1.693	1.243	13.089	8.607	0.754	0.735	1.416	0.818	16.953	11.404	--	--	--	--
COMPRESSES.....	1.339	1.034	9.447	5.851	0.519	0.500	0.661	0.392	11.965	7.776	1.884	1.233	4/	4/
ALL PLANTS...	1.620	1.200	12.495	8.157	0.704	0.684	1.254	0.727	16.072	10.769	1.884	1.233	4/	4/
SOUTH CENTRAL:														
WAREHOUSES.....	1.273	0.945	9.626	5.434	0.462	0.414	1.004	0.572	12.364	7.365	--	--	--	--
COMPRESSES.....	1.083	0.846	9.117	5.956	0.585	0.557	0.807	0.510	11.592	7.869	2.236	1.770	3.009	2.389
ALL PLANTS...	1.103	0.856	9.165	5.907	0.573	0.543	0.826	0.516	11.666	7.822	2.236	1.770	3.009	2.389
SOUTHWEST:														
WAREHOUSES.....	0.793	0.601	7.845	5.499	0.289	0.260	0.619	0.422	9.546	6.782	--	--	--	--
COMPRESSES.....	1.275	1.003	8.413	5.445	0.393	0.379	0.620	0.379	10.701	7.206	2.600	2.037	2.415	1.850
ALL PLANTS...	1.140	0.891	8.301	5.456	0.366	0.347	0.620	0.390	10.427	7.084	2.600	2.037	2.415	1.850
WEST:														
COMPRESSES.....	0.606	0.449	8.563	4.879	0.389	0.378	0.776	0.406	10.334	6.112	2.926	2.441	3.167	2.264
GULF PORTS:														
COMPRESSES.....	1.322	0.952	12.843	8.026	0.594	0.571	1.082	0.745	15.841	10.294	2.322	1.538	2.352	1.580
UNITED STATES:														
WAREHOUSES.....	1.267	0.939	10.985	7.205	0.520	0.493	1.026	0.619	13.798	9.256	--	--	--	--
COMPRESSES.....	1.130	0.875	9.018	5.753	0.489	0.469	0.743	0.459	11.380	7.557	2.340	1.825	2.612	1.975
ALL PLANTS...	1.165	0.892	9.477	6.092	0.497	0.475	0.814	0.499	11.953	7.958	2.340	1.825	2.612	1.975

1/ COSTS ARE BASED ON ESTIMATED 1974-75 PRICE LEVELS AND ESTIMATED PRODUCTION OF 14.5 MILLION BALES, BEGINNING INVENTORY OF 3.9 MILLION BALES IN PUBLIC STORAGE, AND DISAPPEARANCE OF 13.3 MILLION BALES.

2/ INCLUDES DEPRECIATION AND INTEREST ON INVESTMENT.

3/ EXCLUDES DEPRECIATION AND INTEREST ON INVESTMENT.

4/ NO COTTON REPORTED AS BEING COMPRESSED TO HIGH DENSITY DURING 1972-73.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

Standard Depreciation Rate Schedule  
(Straight-Line Method)

To minimize the effects on costs of these variations among plants in depreciation and interest on investment, standard rates were used for all plants. The interest allowance on capital investment was computed at 8 percent of one-half the original cost of buildings and equipment plus the original cost of the land. Depreciation rates used to recompute depreciation charges are shown below.

<u>Building and Improvements</u>	Annual Rate (Percent)
Wood frame, ironclad	2.5
Brick, concrete, or steel	2.0
Wood	3.0
Fences	5.0
Water tower and tanks	2.5
Railroad sidings	3.3
Roadways, pavement of grounds	5.0
<u>Plant Equipment</u>	
Compression	3.0
<u>Handling and Automotive Equipment</u>	
Clamps: 5,000 lb. or less	14.3
6,000 lb. or over	16.7
Tractors	6.7
Trailers, warehouse and yard	6.7
Hand trucks	4.0
Road trucks	14.3
Automobiles	20.0
Conveyor systems	14.3
Shop equipment	6.7
Air compressors	6.7
Scales	5.0
Fire equipment	5.0
Personnel carriers	10.0
Motorized sweepers	14.3
<u>Office</u>	
Furniture and equipment	10.0

Method Used to Allocate Cost

Allocation of cost items to functions was made in a uniform manner for each plant according to the following plan:



A. Fixed cost

1. Building depreciation. Based on estimates obtained from warehousemen as to the percentage of total space utilized for storage, receiving, compression, shipping, and other functions.
2. Equipment depreciation.
  - a. Compress equipment--direct to compression.
  - b. Materials-handling equipment--percentage of total hours used in each function.
  - c. Other minor equipment--percentage of total revenue received from each function.
3. Insurance and taxes. Building insurance and taxes were allocated in same manner as item A-1; equipment in the same manner as items A-2a, A-2b, and A-2c.
4. Leases and rentals. Building leases were allocated to function in the same manner as item A-1. Leases of equipment in same manner as equipment depreciation in items A-2a, A-2b, and A-2c.
5. Interest on capital investment. Percentage of total revenue received from each function.

B. Variable cost

1. Personnel expense.
  - a. Executive--percentage of total revenue received for each function.
  - b. Management--percentage of total labor hours for each function.
  - c. Supervisory--hours as recorded to specific service; remainder, percentage of total labor hours to each function.
  - d. Engineering and mechanics--estimates by firm personnel.
  - e. Handling labor--percentage of total labor hours to each function.
  - f. Watchmen and cleaning and maintenance--percentage of total warehouse space used in each function.
  - g. Mechanics' helpers--estimates by firm personnel.
  - h. Head clerk--percentage of total revenue received from each function.
  - i. Other clerks--estimates by firm personnel.

- j. Repairs and maintenance--compression equipment direct; buildings and improvements such as item A-1, other plant equipment same as A-2b and A-2c.
- k. Materials-handling equipment--same as item 2b.
- l. License and bonds--direct to storage.
- m. Fuel compress--direct to compression.
- n. Other utilities--percentage of total revenue for each function.
- o. Home office--same as item m.
- p. Warehouse supplies--identifiable supplies direct to function, unidentifiable supplies percentage of total revenue received from each function.
- q. Office supplies--percentage of total revenue received from each function.
- r. Claims--direct to storage.
- s. Transportation expense--percentage of total revenue received from each function.
- t. Other miscellaneous cost--percentage of total revenue received from each function.
- u. Interest on working capital--percentage of total direct labor hours used in each function.

#### Replacement Cost

Estimates of costs for 1974-75 were developed based on projected disappearance and two levels of production. These costs reflect changes in volumes handled and stored, and expected changes in cost levels. Plant replacement values were computed and used as a basis for recomputing depreciation and interest on investment. These costs were based on a wood frame, ironclad type of construction that is prevalent in much of the Cotton Belt. The square foot cost was estimated at \$3.74 for warehouses and \$3.86 for compresses and includes the cost of buildings, water systems, spur-tracks, blacktopping or paving, and other improvements.

In developing the building improvement replacement cost for each plant, the estimated cost was applied to the total number of square feet of floor space existing in 1972-73. For all other depreciable assets of individual plants, except compress equipment, standard depreciation rates were applied to 108 percent of their acquisition cost. Replacement of the compression equipment was estimated at \$120,000 and an allowance equal to the original cost of land was used in estimating returns on investment.

## Factors Used to Project Costs

<u>Cost item</u>	<u>Percentage increase from 1972-73 to 1974-75</u>
Fixed costs:	
Depreciation	<u>1/</u>
Insurance	13.0
Taxes	10.0
Interest on investment	<u>2/</u>
Variable costs:	
Labor	12.0
Utilities	13.0
Repairs and maintenance	13.0
Material-handling equipment	8.0
Cotton insurance	15.0
All other items	8.0

---

1/ Building costs were computed at \$3.74 per square foot for warehouses and \$3.86 per square foot for compresses. Depreciation was computed at 2.6 percent of the total cost derived. The replacement cost for compression equipment was estimated at \$120,000.

2/ Calculated at 8.0 percent of one-half the replacement cost of buildings and equipment plus the full cost of land.

TABLE 5--RECEIVING: ESTIMATED COST PER BALE OF COTTON AT SELECTED WAREHOUSES,  
BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	----- DOLLARS PER BALE -----			
FIXED COSTS:				
DEPRECIATION 1/.....	0.072	0.032	0.030	0.050
INSURANCE.....	0.032	0.010	0.004	0.018
TAXES.....	0.035	0.016	0.010	0.022
LEASES AND RENTALS.....	0.016	0.001	0.006	0.010
INTEREST ON INVESTMENT 2/.....	0.212	0.079	0.091	0.145
TOTAL FIXED COSTS.....	0.368	0.137	0.142	0.245
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.848	0.613	0.370	0.620
HANDLING EQUIPMENT 3/.....	0.022	0.011	0.018	0.019
REPAIRS AND MAINTENANCE.....	0.008	0.003	0.002	0.005
OTHER UTILITIES.....	0.044	0.019	0.024	0.033
HOME OFFICE.....	0.0	0.078	0.045	0.029
WAREHOUSE SUPPLIES.....	0.044	0.067	0.040	0.045
OFFICE SUPPLIES.....	0.045	0.001	0.012	0.025
TRANSPORTATION EXPENSE 4/.....	0.017	0.004	0.000	0.009
OTHER 5/.....	0.005	0.023	0.010	0.009
INTEREST, WORKING CAPITAL 6/.....	0.018	0.008	0.008	0.013
TOTAL VARIABLE COSTS.....	1.052	0.826	0.529	0.806
TOTAL FIXED AND VARIABLE COSTS....	1.420	0.963	0.671	1.051

1/ COSTS ARE BASED ON STANDARDIZED DEPRECIATION RATES APPLIED TO ORIGINAL ACQUISITION COSTS OF BUILDINGS AND EQUIPMENT.

2/ CALCULATED AT 8.0 PERCENT OF ONE-HALF THE ACQUISITION COSTS OF BUILDINGS AND EQUIPMENT, PLUS THE FULL COST OF LAND. ACTUAL EXPENDITURES OF THIS NATURE WERE ELIMINATED.

3/ COST FOR LABOR, REPAIR, AND OPERATING FUEL. DOES NOT INCLUDE WAGES PAID DRIVERS OR OPERATORS, NOR DEPRECIATION.

4/ INCLUDES SWITCHING, DEMURRAGE, AND NONREFUNDABLE HAULING AND FREIGHT.

5/ INCLUDES DUES, SUBSCRIPTIONS, AUDIT, AND LEGAL FEES.

6/ CALCULATED AT 7.0 PERCENT PER YEAR BORROWED QUARTERLY OF THE "OUT-OF-PCKET" COST. ACTUAL EXPENDITURES OF THIS NATURE WERE ELIMINATED.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 6--RECEIVING: ESTIMATED COST PER BALE OF COTTON AT SELECTED WAREHOUSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
----- DOLLARS PER BALE -----				
FIXED COSTS: 2/				
DEPRECIATION.....	0.131	0.066	0.047	0.088
INSURANCE.....	0.038	0.012	0.005	0.021
TAXES.....	0.041	0.018	0.011	0.026
INTEREST ON INVESTMENT.....	0.371	0.300	0.166	0.277
TOTAL FIXED COSTS.....	0.581	0.396	0.230	0.412
VARIABLE COSTS: 3/				
PERSONNEL EXPENSES.....	0.950	0.686	0.414	0.694
HANDLING EQUIPMENT.....	0.024	0.012	0.019	0.020
REPAIRS AND MAINTENANCE.....	0.009	0.003	0.003	0.006
OTHER UTILITIES.....	0.050	0.022	0.027	0.037
HOME OFFICE.....	0.0	0.084	0.049	0.031
WAREHOUSE SUPPLIES.....	0.048	0.072	0.043	0.049
OFFICE SUPPLIES.....	0.048	0.001	0.012	0.027
TRANSPORTATION EXPENSE.....	0.019	0.004	0.000	0.009
OTHER.....	0.005	0.025	0.010	0.010
INTEREST, WORKING CAPITAL.....	0.019	0.009	0.008	0.013
TOTAL VARIABLE COSTS.....	1.173	0.918	0.587	0.898
TOTAL FIXED AND VARIABLE COSTS...	1.754	1.314	0.816	1.309

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS

2/ DEPRECIATION AND INTEREST BASED ON REPLACING FACILITIES AND EQUIPMENT AT EXPECTED 1974-75 PRICE LEVELS. VOLUMES OF COTTON WERE ASSUMED TO BE DISTRIBUTED IN THE SAME PROPORTIONS IN 1972-73.

3/ COSTS DEVELOPED FROM SAMPLE FIRMS FOR 1972-73 WERE ADJUSTED TO REFLECT ESTIMATED CHANGES EXPECTED TO BE INCURRED IN 1974-75.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 7--RECEIVING: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA					
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES
FIXED COSTS:						
DEPRECIATION.....	0.024	0.032	0.040	0.018	0.043	0.034
INSURANCE.....	0.010	0.012	0.009	0.002	0.010	0.010
TAXES.....	0.014	0.017	0.020	0.029	0.026	0.020
LEASES AND RENTALS.....	0.000	0.002	0.006	0.006	0.008	0.005
INTEREST ON INVESTMENT.....	0.065	0.079	0.073	0.072	0.206	0.085
TOTAL FIXED COSTS.....	0.113	0.143	0.149	0.128	0.293	0.154
VARIABLE COSTS:						
PERSONNEL EXPENSES.....	0.707	0.457	0.664	0.254	0.568	0.530
HANDLING EQUIPMENT.....	0.019	0.026	0.039	0.013	0.044	0.030
REPAIRS AND MAINTENANCE.....	0.017	0.011	0.004	0.001	0.001	0.006
OTHER UTILITIES.....	0.028	0.017	0.024	0.006	0.016	0.018
HOME OFFICE.....	0.020	0.069	0.027	0.035	0.0	0.042
WAREHOUSE SUPPLIES.....	0.018	0.109	0.059	0.053	0.026	0.074
OFFICE SUPPLIES.....	0.017	0.009	0.010	0.000	0.015	0.009
TRANSPORTATION EXPENSE.....	0.022	0.002	0.022	0.000	0.0	0.010
OTHER.....	0.042	0.025	0.013	0.005	0.141	0.028
INTEREST, WORKING CAPITAL.....	0.015	0.012	0.014	0.009	0.014	0.013
TOTAL VARIABLE COSTS.....	0.906	0.737	0.875	0.376	0.825	0.761
TOTAL FIXED AND VARIABLE COSTS.....	1.019	0.880	1.024	0.504	1.118	0.914

11/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: SEE TABLE 1 FOR DECLARATION OF AREAS.  
INDIVIDUAL COSTS MAY NOT ALWAYS ADD UP TO THE TOTALS DUE TO ROUNDING.



TABLE 8--RECEIVING: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA					
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES
DOLLARS PER BALE						
<b>FIXED COSTS:</b>						
DEPRECIATION.....	0.072	0.064	0.083	0.028	0.066	0.068
INSURANCE.....	0.012	0.015	0.011	0.003	0.012	0.012
TAXES.....	0.016	0.020	0.023	0.033	0.030	0.023
INTEREST ON INVESTMENT.....	0.269	0.201	0.220	0.147	0.347	0.216
<b>TOTAL FIXED COSTS.....</b>	<b>0.368</b>	<b>0.299</b>	<b>0.337</b>	<b>0.212</b>	<b>0.455</b>	<b>0.318</b>
<b>VARIABLE COSTS:</b>						
PERSONNEL EXPENSES.....	0.792	0.512	0.744	0.285	0.636	0.593
HANDLING EQUIPMENT.....	0.021	0.028	0.042	0.014	0.048	0.033
REPAIRS AND MAINTENANCE.....	0.019	0.012	0.004	0.001	0.001	0.007
OTHER UTILITIES.....	0.032	0.019	0.027	0.007	0.018	0.021
HOME OFFICE.....	0.022	0.075	0.029	0.038	0.0	0.046
WAREHOUSE SUPPLIES.....	0.019	0.117	0.064	0.057	0.028	0.080
OFFICE SUPPLIES.....	0.019	0.010	0.011	0.000	0.016	0.010
TRANSPORTATION EXPENSE.....	0.024	0.003	0.024	0.000	0.0	0.011
OTHER.....	0.045	0.027	0.014	0.005	0.153	0.030
INTEREST, WORKING CAPITAL.....	0.016	0.013	0.015	0.010	0.014	0.013
<b>TOTAL VARIABLE COSTS.....</b>	<b>1.009</b>	<b>0.815</b>	<b>0.973</b>	<b>0.417</b>	<b>0.914</b>	<b>0.844</b>
<b>TOTAL FIXED AND VARIABLE COSTS....</b>	<b>1.377</b>	<b>1.114</b>	<b>1.310</b>	<b>0.629</b>	<b>1.369</b>	<b>1.162</b>

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOT-  
NOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 9--STORAGE: ESTIMATED COST PER BALE OF COTTON PER MONTH AT SELECTED WAREHOUSES, BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	----- DOLLARS PER BALE -----			
FIXED COSTS:				
DEPRECIATION.....	0.107	0.056	0.071	0.089
INSURANCE.....	0.024	0.015	0.007	0.018
TAXES.....	0.031	0.024	0.016	0.025
LEASES AND RENTALS.....	0.028	0.002	0.030	0.025
INTEREST ON INVESTMENT.....	0.120	0.050	0.055	0.090
TOTAL FIXED COSTS.....	0.310	0.149	0.179	0.247
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.409	0.216	0.256	0.335
HANDLING EQUIPMENT.....	0.012	0.011	0.021	0.015
REPAIRS AND MAINTENANCE.....	0.021	0.015	0.011	0.017
COTTON INSURANCE.....	0.039	0.030	0.026	0.034
LICENSES AND BONDS.....	0.031	0.001	0.000	0.018
OTHER UTILITIES.....	0.025	0.012	0.014	0.020
HOME OFFICE.....	0.0	0.051	0.025	0.015
WAREHOUSE SUPPLIES.....	0.012	0.009	0.016	0.013
OFFICE SUPPLIES.....	0.025	0.000	0.007	0.016
CLAIMS.....	0.0	0.004	0.001	0.001
TRANSPORTATION EXPENSE.....	0.006	0.002	0.000	0.004
OTHER.....	0.002	0.015	0.006	0.005
INTEREST, WORKING CAPITAL.....	0.011	0.006	0.007	0.009
TOTAL VARIABLE COSTS.....	0.594	0.372	0.391	0.500
TOTAL FIXED AND VARIABLE COSTS....	0.905	0.520	0.570	0.748

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 10--STORAGE: ESTIMATED COST PER BALE OF COTTON PER MONTH AT SELECTED WAREHOUSES, BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	- - - - - DOLLARS PER PALE - - - - -			
FIXED COSTS:				
DEPRECIATION.....	0.217	0.226	0.122	0.193
INSURANCE.....	0.027	0.019	0.008	0.021
TAXES.....	0.034	0.029	0.017	0.029
INTEREST ON INVESTMENT.....	0.198	0.204	0.095	0.170
TOTAL FIXED COSTS.....	0.476	0.478	0.243	0.413
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.458	0.242	0.287	0.375
HANDLING EQUIPMENT.....	0.014	0.011	0.023	0.016
REPAIRS AND MAINTENANCE.....	0.024	0.017	0.012	0.019
COTTON INSURANCE.....	0.045	0.035	0.030	0.039
LICENSES AND BONDS.....	0.034	0.001	0.000	0.019
OTHER UTILITIES.....	0.028	0.014	0.016	0.022
HOME OFFICE.....	0.0	0.055	0.027	0.016
WAREHOUSE SUPPLIES.....	0.013	0.010	0.018	0.014
OFFICE SUPPLIES.....	0.027	0.000	0.007	0.018
CLAIMS.....	0.0	0.004	0.001	0.001
TRANSPORTATION EXPENSE.....	0.006	0.002	0.000	0.004
OTHER.....	0.002	0.016	0.006	0.005
INTEREST, WORKING CAPITAL.....	0.012	0.007	0.008	0.010
TOTAL VARIABLE COSTS.....	0.663	0.413	0.435	0.558
TOTAL FIXED AND VARIABLE COSTS...	1.138	0.892	0.678	0.971

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOTNOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 12--STORAGE: ESTIMATED COST PER HALE OF COTTON PER MONTH AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA					
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES
-----						
FIXED COSTS:						
DEPRECIATION.....	0.194	0.188	0.168	0.201	0.271	0.188
INSURANCE.....	0.021	0.036	0.013	0.009	0.028	0.023
TAXES.....	0.020	0.047	0.029	0.092	0.076	0.046
INTEREST ON INVESTMENT.....	0.139	0.136	0.106	0.153	0.135	0.126
TOTAL FIXED COSTS.....	0.374	0.407	0.317	0.455	0.510	0.383
-----						
VARIABLE COSTS:						
PERSONNEL EXPENSES.....	0.247	0.207	0.268	0.210	0.372	0.241
HANDLING EQUIPMENT.....	0.023	0.023	0.028	0.009	0.049	0.025
REPAIRS AND MAINTENANCE.....	0.063	0.049	0.031	0.010	0.009	0.036
COTTON INSURANCE.....	0.022	0.026	0.026	0.014	0.019	0.024
LICENSES AND BONDS.....	0.004	0.000	0.001	0.012	0.004	0.002
OTHER UTILITIES.....	0.017	0.012	0.013	0.019	0.007	0.013
HOME OFFICE.....	0.018	0.047	0.010	0.014	0.0	0.026
WAREHOUSE SUPPLIES.....	0.004	0.015	0.007	0.011	0.005	0.011
OFFICE SUPPLIES.....	0.009	0.007	0.006	0.001	0.007	0.006
CLAIMS.....	0.001	0.016	0.002	0.008	0.003	0.008
TRANSPORTATION EXPENSE.....	0.016	0.002	0.010	0.000	0.0	0.005
OTHER.....	0.021	0.017	0.006	0.005	0.078	0.015
INTEREST, WORKING CAPITAL.....	0.007	0.006	0.007	0.006	0.012	0.007
TOTAL VARIABLE COSTS.....	0.451	0.429	0.416	0.319	0.565	0.420
TOTAL FIXED AND VARIABLE COSTS....	0.825	0.836	0.733	0.774	1.076	0.803

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOT-  
NOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 13--BREAKOUT: ESTIMATED COST PER BALE OF COTTON AT SELECTED WAREHOUSES,  
BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	----- DOLLARS PER BALE -----			
FIXED COSTS:				
DEPRECIATION.....	0.018	0.045	0.028	0.026
INSURANCE.....	0.028	0.016	0.005	0.017
TAXES.....	0.035	0.026	0.009	0.023
TOTAL FIXED COSTS.....	0.081	0.087	0.043	0.066
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.546	0.267	0.162	0.348
HANDLING EQUIPMENT.....	0.019	0.037	0.038	0.029
WAREHOUSE SUPPLIES.....	0.016	0.013	0.014	0.015
INTEREST, WORKING CAPITAL.....	0.016	0.014	0.006	0.011
TOTAL VARIABLE COSTS.....	0.597	0.331	0.220	0.403
TOTAL FIXED AND VARIABLE COSTS...	0.678	0.418	0.263	0.469

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 14--BREAKOUT: ESTIMATED COST PER BALE OF COTTON AT SELECTED WAREHOUSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	- - - - - DOLLARS PER BALE - - - - -			
FIXED COSTS:				
DEPRECIATION.....	0.019	0.048	0.030	0.028
INSURANCE.....	0.031	0.018	0.006	0.019
TAXES.....	0.037	0.028	0.010	0.025
TOTAL FIXED COSTS.....	0.088	0.093	0.045	0.071
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.612	0.299	0.181	0.390
HANDLING EQUIPMENT.....	0.020	0.040	0.041	0.032
WAREHOUSE SUPPLIES.....	0.017	0.014	0.015	0.016
INTEREST, WORKING CAPITAL.....	0.017	0.015	0.006	0.012
TOTAL VARIABLE COSTS.....	0.667	0.369	0.244	0.449
TOTAL FIXED AND VARIABLE COSTS...	0.754	0.462	0.289	0.520

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOTNOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 15----BREAKOUT: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA					
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES
DOLLARS PER BALE						
FIXED COSTS:						
DEPRECIATION.....	0.018	0.026	0.013	0.010	0.022	0.019
INSURANCE.....	0.017	0.033	0.011	0.007	0.021	0.020
TAXES.....	0.020	0.046	0.025	0.085	0.058	0.041
TOTAL FIXED COSTS.....	0.055	0.105	0.049	0.102	0.101	0.081
VARIABLE COSTS:						
PERSONNEL EXPENSES.....	0.359	0.340	0.253	0.216	0.306	0.293
HANDLING EQUIPMENT.....	0.032	0.054	0.034	0.018	0.105	0.045
WAREHOUSE SUPPLIES.....	0.007	0.015	0.010	0.009	0.014	0.012
INTEREST, WORKING CAPITAL.....	0.014	0.016	0.008	0.008	0.014	0.012
TOTAL VARIABLE COSTS.....	0.412	0.424	0.306	0.251	0.439	0.362
TOTAL FIXED AND VARIABLE COSTS.....	0.467	0.529	0.355	0.353	0.540	0.442

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS CCST ITEMS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 16--BREAkout: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

	AREA							
COST ITEM 1/ :	SOUTH- EAST :	SOUTH CENTRAL :	SOUTH- WEST :	WEST :	PORTS :	UNITED STATES	:	:
<b>FIXED COSTS:</b>								
DEPRECIATION.....	0.019	0.028	0.014	0.011	0.023	0.020		
INSURANCE.....	0.019	0.037	0.012	0.008	0.023	0.023		
TAXES.....	0.021	0.049	0.027	0.091	0.062	0.044		
TOTAL FIXED COSTS.....	0.059	0.113	0.053	0.110	0.108	0.087		
<b>VARIABLE COSTS:</b>								
PERSONNEL EXPENSES.....	0.402	0.380	0.284	0.242	0.342	0.328		
HANDLING EQUIPMENT.....	0.035	0.058	0.037	0.019	0.113	0.049		
WAREHOUSE SUPPLIES.....	0.008	0.016	0.011	0.010	0.016	0.013		
INTEREST, WORKING CAPITAL.....	0.015	0.017	0.009	0.008	0.015	0.013		
TOTAL VARIABLE COSTS.....	0.459	0.471	0.340	0.279	0.486	0.402		
TOTAL FIXED AND VARIABLE COSTS....	0.519	0.585	0.393	0.389	0.594	0.489		

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOTNOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 17--SHIPPING: ESTIMATED COST PER BALE OF COTTON AT SELECTED WAREHOUSES,  
BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	----- DOLLARS PER BALE -----			
FIXED COSTS:				
DEPRECIATION.....	0.079	0.041	0.030	0.054
INSURANCE.....	0.015	0.011	0.004	0.010
TAXES.....	0.020	0.017	0.009	0.015
LEASES AND RENTALS.....	0.016	0.000	0.003	0.009
INTEREST ON INVESTMENT.....	0.308	0.100	0.093	0.190
TOTAL FIXED COSTS.....	0.438	0.168	0.140	0.277
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.507	0.265	0.225	0.356
HANDLING EQUIPMENT.....	0.014	0.020	0.028	0.021
REPAIRS AND MAINTENANCE.....	0.009	0.002	0.002	0.005
OTHER UTILITIES.....	0.057	0.025	0.025	0.039
HOME OFFICE.....	0.0	0.104	0.046	0.033
WAREHOUSE SUPPLIES.....	0.019	0.029	0.014	0.018
OFFICE SUPPLIES.....	0.061	0.001	0.011	0.032
TRANSPORTATION EXPENSE.....	0.015	0.004	0.000	0.007
OTHER.....	0.005	0.031	0.010	0.011
INTEREST, WORKING CAPITAL.....	0.013	0.011	0.008	0.011
TOTAL VARIABLE COSTS.....	0.701	0.491	0.368	0.533
TOTAL FIXED AND VARIABLE COSTS....	1.139	0.659	0.508	0.811

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 18--SHIPPING: ESTIMATED COST PER BALE OF COTTON AT SELECTED WAREHOUSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA			
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	UNITED STATES
	- - - - - DOLLARS PER BALE - - - - -			
FIXED COSTS:				
DEPRECIATION.....	0.132	0.068	0.040	0.085
INSURANCE.....	0.016	0.012	0.004	0.011
TAXES.....	0.021	0.018	0.010	0.016
INTEREST ON INVESTMENT.....	0.466	0.363	0.157	0.322
TOTAL FIXED COSTS.....	0.635	0.461	0.212	0.434
VARIABLE COSTS:				
PERSONNEL EXPENSES.....	0.568	0.296	0.252	0.399
HANDLING EQUIPMENT.....	0.015	0.022	0.031	0.023
REPAIRS AND MAINTENANCE.....	0.010	0.003	0.002	0.006
OTHER UTILITIES.....	0.065	0.028	0.028	0.044
HOME OFFICE.....	0.0	0.112	0.049	0.035
WAREHOUSE SUPPLIES.....	0.021	0.031	0.015	0.020
OFFICE SUPPLIES.....	0.066	0.001	0.012	0.035
TRANSPORTATION EXPENSE.....	0.016	0.004	0.000	0.008
OTHER.....	0.006	0.033	0.011	0.011
INTEREST, WORKING CAPITAL.....	0.014	0.012	0.008	0.011
TOTAL VARIABLE COSTS.....	0.781	0.542	0.408	0.592
TOTAL FIXED AND VARIABLE COSTS...	1.416	1.004	0.619	1.026

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOTNOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 19--SHIPPING: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA						UNITED STATES
	SOUTH-EAST	SOUTH-CENTRAL	SOUTH-WEST	WEST	PORTS	:	
DOLLARS PER BALE							
FIXED COSTS:							
DEPRECIATION.....	0.026	0.032	0.022	0.041	0.041	0.029	
INSURANCE.....	0.011	0.024	0.009	0.006	0.015	0.016	
TAXES.....	0.017	0.032	0.024	0.061	0.040	0.032	
LEASES AND RENTALS.....	0.000	0.001	0.002	0.006	0.007	0.002	
INTEREST ON INVESTMENT.....	0.060	0.103	0.071	0.151	0.163	0.098	
TOTAL FIXED COSTS.....	0.114	0.192	0.128	0.265	0.266	0.170	
VARIABLE COSTS:							
PERSONNEL EXPENSES.....	0.171	0.191	0.164	0.202	0.380	0.193	
HANDLING EQUIPMENT.....	0.019	0.026	0.024	0.011	0.076	0.027	
REPAIRS AND MAINTENANCE.....	0.002	0.008	0.001	0.001	0.001	0.004	
OTHER UTILITIES.....	0.027	0.022	0.024	0.040	0.015	0.024	
HOME OFFICE.....	0.020	0.094	0.030	0.017	0.0	0.053	
WAREHOUSE SUPPLIES.....	0.009	0.015	0.013	0.007	0.014	0.013	
OFFICE SUPPLIES.....	0.016	0.008	0.010	0.003	0.013	0.009	
TRANSPORTATION EXPENSE.....	0.021	0.003	0.025	0.000	0.0	0.009	
OTHER.....	0.036	0.032	0.015	0.011	0.105	0.028	
INTEREST, WORKING CAPITAL.....	0.005	0.007	0.005	0.006	0.017	0.007	
TOTAL VARIABLE COSTS.....	0.327	0.406	0.311	0.299	0.621	0.370	
TOTAL FIXED AND VARIABLE COSTS.....	0.441	0.599	0.439	0.564	0.887	0.546	

11/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS CCST ITEMS.

NOTE: SEE TABLE I FOR DELINEATION OF AREAS.

NOTE: SEE TABLE 1 FOR DETERMINATION OF RATES.  
INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 20--SHIPPING: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES,  
BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA						UNITED STATES
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS		
FIXED COSTS:							
DEPRECIATION.....	0.034	0.052	0.035	0.062	0.057	0.046	
INSURANCE.....	0.012	0.027	0.010	0.007	0.016	0.017	
TAXES.....	0.019	0.035	0.025	0.066	0.043	0.034	
INTEREST ON INVESTMENT.....	0.234	0.246	0.206	0.308	0.280	0.238	
TOTAL FIXED COSTS.....	0.299	0.359	0.277	0.443	0.396	0.335	
VARIABLE COSTS:							
PERSONNEL EXPENSES.....	0.192	0.214	0.183	0.226	0.426	0.216	
HANDLING EQUIPMENT.....	0.021	0.028	0.026	0.012	0.082	0.029	
REPAIRS AND MAINTENANCE.....	0.003	0.009	0.001	0.001	0.001	0.005	
OTHER UTILITIES.....	0.031	0.025	0.027	0.045	0.017	0.027	
HOME OFFICE.....	0.022	0.101	0.032	0.019	0.0	0.057	
WAREHOUSE SUPPLIES.....	0.009	0.016	0.014	0.008	0.016	0.014	
OFFICE SUPPLIES.....	0.018	0.008	0.011	0.003	0.014	0.009	
TRANSPORTATION EXPENSE.....	0.023	0.004	0.027	0.000	0.0	0.009	
OTHER.....	0.039	0.035	0.016	0.011	0.113	0.031	
INTEREST, WORKING CAPITAL.....	0.005	0.007	0.006	0.006	0.018	0.007	
TOTAL VARIABLE COSTS.....	0.361	0.448	0.343	0.333	0.686	0.408	
TOTAL FIXED AND VARIABLE COSTS.....	0.661	0.807	0.620	0.776	1.082	0.743	

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOTNOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 21--STANDARD-DENSITY COMPRESSION: ESTIMATED COST PER BALE OF COTTON AT  
SELECTED COMPRESSES, BY AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA					
	SOUTH- EAST	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES
FIXED COSTS:						
DEPRECIATION.....	0.057	0.084	0.104	0.085	0.117	0.090
INSURANCE.....	0.018	0.014	0.011	0.006	0.017	0.013
TAXES.....	0.026	0.019	0.027	0.062	0.051	0.024
LEASES AND RENTALS.....	0.001	0.001	0.009	0.010	0.004	0.004
INTEREST ON INVESTMENT.....	0.083	0.150	0.143	0.195	0.475	0.166
TOTAL FIXED COSTS.....	0.185	0.267	0.295	0.357	0.664	0.297
VARIABLE COSTS:						
PERSONNEL EXPENSES.....	0.531	0.869	1.123	1.052	0.510	0.906
HANDLING EQUIPMENT.....	0.012	0.021	0.020	0.010	0.065	0.023
REPAIRS AND MAINTENANCE.....	0.032	0.053	0.016	0.066	0.003	0.041
FUEL, COMPRESS.....	0.220	0.131	0.108	0.137	0.127	0.128
OTHER UTILITIES.....	0.062	0.031	0.053	0.053	0.029	0.038
HOME OFFICE.....	0.027	0.143	0.093	0.031	0.0	0.116
WAREHOUSE SUPPLIES.....	0.059	0.215	0.220	0.736	0.219	0.227
OFFICE SUPPLIES.....	0.034	0.019	0.021	0.004	0.030	0.020
TRANSPORTATION EXPENSE.....	0.028	0.005	0.080	0.000	0.0	0.023
CTPR.....	0.041	0.048	0.032	0.024	0.331	0.060
INTEREST, WORKING CAPITAL.....	0.019	0.030	0.035	0.033	0.017	0.030
TOTAL VARIABLE COSTS.....	1.065	1.566	1.800	2.147	1.333	1.612
TOTAL FIXED AND VARIABLE COSTS.....	1.250	1.832	2.095	2.504	1.997	1.908

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS CCST ITEMS.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



TABLE 23--HIGH-DENSITY COMPRESSION: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES, 8Y AREA AND UNITED STATES, FISCAL 1972-73

COST ITEM 1/	AREA				
	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES 2/
	DOLLARS PER BALE				
FIXED COSTS:					
DEPRECIATION.....	0.108	0.111	0.155	0.131	0.118
INSURANCE.....	0.012	0.007	0.007	0.012	0.008
TAXES.....	0.017	0.019	0.071	0.029	0.027
LEASES AND RENTALS.....	0.001	0.006	0.014	0.018	0.007
INTEREST ON INVESTMENT.....	0.180	0.160	0.382	0.429	0.215
TOTAL FIXED COSTS.....	0.318	0.304	0.628	0.619	0.375
VARIABLE COSTS:					
PERSONNEL EXPENSES.....	1.401	1.163	1.177	0.664	1.165
HANDLING EQUIPMENT.....	0.035	0.023	0.010	0.067	0.027
REPAIRS AND MAINTENANCE.....	0.060	0.018	0.124	0.003	0.038
FUEL, COMPRESS.....	0.196	0.096	0.185	0.143	0.129
OTHER UTILITIES.....	0.045	0.048	0.077	0.028	0.050
HOME OFFICE.....	0.182	0.049	0.095	0.0	0.074
WAREHOUSE SUPPLIES.....	0.053	0.101	0.220	0.135	0.111
OFFICE SUPPLIES.....	0.022	0.022	0.004	0.028	0.020
TRANSPORTATION EXPENSE.....	0.008	0.050	0.001	0.0	0.032
OTHER.....	0.064	0.029	0.023	0.301	0.057
INTEREST, WORKING CAPITAL.....	0.052	0.036	0.043	0.020	0.039
TOTAL VARIABLE COSTS.....	2.118	1.636	1.960	1.390	1.742
TOTAL FIXED AND VARIABLE COSTS.....	2.435	1.940	2.588	2.010	2.117

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS.

2/ DOES NOT INCLUDE COMPRESSES IN THE SOUTHEASTERN AREA. NO COTTON REPORTED AS BEING COMPRESSED TO HIGH DENSITY DURING FISCAL 1972-73.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.

TABLE 24--HIGH-DENSITY COMPRESSION: ESTIMATED COST PER BALE OF COTTON AT SELECTED COMPRESSES, BY AREA AND UNITED STATES, FISCAL 1974-75

COST ITEM 1/	AREA				
	SOUTH CENTRAL	SOUTH- WEST	WEST	PORTS	UNITED STATES 2/
----- DOLLARS PER BALE -----					
FIXED COSTS:					
DEPRECIATION.....	0.155	0.139	0.180	0.140	0.147
INSURANCE.....	0.013	0.008	0.007	0.013	0.009
TAXES.....	0.018	0.021	0.075	0.031	0.028
INTEREST ON INVESTMENT.....	0.465	0.426	0.723	0.632	0.489
TOTAL FIXED COSTS.....	0.651	0.594	0.985	0.816	0.673
VARIABLE COSTS:					
PERSONNEL EXPENSES.....	1.569	1.303	1.319	0.743	1.305
HANDLING EQUIPMENT.....	0.038	0.025	0.011	0.072	0.029
REPAIRS AND MAINTENANCE.....	0.068	0.021	0.141	0.004	0.043
FUEL, COMPRESS.....	0.222	0.109	0.209	0.162	0.146
OTHER UTILITIES.....	0.051	0.054	0.087	0.032	0.056
HOME OFFICE.....	0.196	0.053	0.102	0.0	0.080
WAREHOUSE SUPPLIES.....	0.058	0.109	0.237	0.146	0.120
OFFICE SUPPLIES.....	0.024	0.024	0.005	0.031	0.022
TRANSPORTATION EXPENSE.....	0.008	0.054	0.001	0.0	0.035
OTHER.....	0.069	0.031	0.025	0.325	0.061
INTEREST, WORKING CAPITAL.....	0.056	0.039	0.045	0.021	0.041
TOTAL VARIABLE COSTS.....	2.359	1.822	2.182	1.536	1.938
TOTAL FIXED AND VARIABLE COSTS...	3.009	2.415	3.167	2.352	2.612

1/ SEE FOOTNOTES TO TABLE 5 FOR EXPLANATION OF VARIOUS COST ITEMS, AND FOOTNOTES TO TABLE 6 FOR BASIC ASSUMPTIONS.

2/ DOES NOT INCLUDE COMPRESSES IN THE SOUTHEASTERN AREA.

NOTE: SEE TABLE 1 FOR DELINEATION OF AREAS.

NOTE: INDIVIDUAL COSTS MAY NOT ALWAYS ADD TO THE TOTALS DUE TO ROUNDING.



Table 25--Cotton supply and disposition, by month, 1972-73 crop year 1/

Item	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July
----- 1,000 bales -----												
Beginning stocks:												
In consuming establishments.....	1,540	1,235	1,007	900	959	1,036	1,144	1,308	1,417	1,571	1,579	1,500
Public storage and compress.....	1,614	1,478	2,028	5,607	6,847	7,951	7,337	6,534	5,521	4,404	3,481	2,742
Elsewhere.....	158	728	1,650	1,669	2,088	2,666	2,138	1,949	1,522	1,104	965	665
Total.....	3,312	3,441	4,685	8,176	9,894	11,653	10,619	9,791	8,460	7,079	6,025	4,907
Add:												
Production.....	781	2,069	4,288	2,850	2,877	425	343	0	0	0	0	69
Imports and city crop.....	16	1	14	1	6	0	0	2	1	2	1	0
Total.....	797	2,070	4,302	2,851	2,883	425	343	2	1	2	1	69
Grand total.....	4,109	5,511	8,987	11,027	12,777	12,078	10,962	9,793	8,461	7,081	6,026	4,976
Deduct:												
Exports.....	66	91	203	374	565	692	559	717	643	462	529	403
Domestic consumption.....	602	735	608	759	559	767	612	616	739	594	590	588
Total.....	668	826	811	1,133	1,124	1,459	1,171	1,333	1,382	1,056	1,119	991
Ending stocks.....	3,441	4,685	8,176	9,894	11,653	10,619	9,791	8,460	7,079	6,025	4,907	3,985

1/ Based on production of 13.7 million bales, domestic consumption of 7.7 million bales, and exports of 5.3 million bales. Monthly supply and disposition based primarily on official U.S. Department of Agriculture and U.S. Bureau of the Census reports.

Table 26--Estimated cotton supply and disposition based on 13.0-million-bale crop, by month, 1973-74 crop year 1/

Item	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July
----- 1,000 bales -----												
Beginning stocks:												
In consuming establishments.....	1,814	1,433	1,101	923	964	1,026	1,127	1,282	1,379	1,515	1,508	1,410
Public storage and compresses.....	1,899	1,715	2,215	5,757	7,035	7,874	7,218	6,401	5,323	4,247	2,618	1,955
Elsewhere.....	187	844	1,808	1,714	1,949	2,641	2,118	1,910	1,532	1,065	1,627	1,249
Total.....	3,900	3,992	5,124	8,394	9,948	11,541	10,463	9,593	8,234	6,827	5,753	4,614
Add:												
Production.....	741	1,963	4,069	2,704	2,730	403	325	0	0	0	0	65
Imports and city crop.....	24	1	21	0	10	0	0	4	2	2	1	0
Total.....	765	1,964	4,090	2,704	2,740	403	325	4	2	2	1	65
Grand total.....	4,665	5,956	9,214	11,098	12,688	11,944	10,788	9,597	8,236	6,829	5,754	4,679
Deduct:												
Exports.....	68	94	210	388	586	718	580	744	667	479	548	418
Domestic consumption.....	605	738	610	762	561	763	615	619	742	597	592	596
Total.....	673	832	820	1,150	1,147	1,481	1,195	1,363	1,409	1,076	1,140	1,014
Ending stocks.....	3,992	5,124	8,394	9,948	11,541	10,463	9,593	8,234	6,827	5,753	4,614	3,665

1/ Estimates based on projected production of 13.0 million bales, domestic consumption of 7.8 million bales, and exports of 5.5 million bales. Monthly supply and disposition relationships are estimated from historical trends.

Table 27--Estimated cotton supply and disposition based on 14.5 million-bale crop, by month, 1974-75 crop year 1/

Item	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July
----- 1,000 bales -----												
Beginning stocks:												
In consuming												
establishments.....	1,814	1,463	1,168	1,009	1,070	1,151	1,283	1,481	1,629	1,846	1,899	1,867
Public storage and												
compresses.....	1,899	1,751	2,349	6,292	7,807	8,834	8,222	7,397	6,238	5,175	3,297	2,587
Elsewhere.....	187	863	1,919	1,873	2,163	2,963	2,412	2,207	1,809	1,298	2,049	1,652
Total.....	3,900	4,077	5,436	9,174	11,040	12,948	11,917	11,085	9,726	8,319	7,245	6,106
Add:												
Production.....	826	2,190	4,537	3,016	3,045	450	363	0	0	0	0	73
Imports and												
city crop.....	24	1	21	0	10	0	0	4	2	2	1	0
Total.....	850	2,191	4,558	3,016	3,055	450	363	4	2	2	1	73
Grand total.....	4,750	6,268	9,994	12,190	14,095	13,398	12,280	11,089	9,728	8,321	7,246	6,179
Deduct:												
Exports.....	68	94	210	388	586	718	580	744	667	479	548	418
Domestic												
consumption.....	605	738	610	762	561	763	615	619	742	597	592	596
Total.....	673	832	820	1,150	1,147	1,481	1,195	1,363	1,409	1,076	1,140	1,014
Ending stocks.....	4,077	5,436	9,174	11,040	12,948	11,917	11,085	9,726	8,319	7,245	6,106	5,165

1/ Estimates based on projected production of 14.5 million bales, domestic consumption of 7.6 million bales, and exports of 5.5 million bales. Monthly supply and disposition relationships are estimated from historical trends.

Table 28--Volumes of cotton stored in public storage and at compresses, by region and month, 1972-73 crop year 1/

Month	Region					Total
	South-east	South Central	South-west	West	Other	
----- <u>1,000</u> bales -----						
Volumes in storage, end of:						
August.....	338.3	217.3	819.4	102.3	.5	1,477.8
September.....	342.6	619.6	944.0	120.1	1.8	2,028.1
October.....	748.5	3,078.5	1,036.5	737.5	6.4	5,607.4
November.....	1,002.4	3,277.2	1,200.4	1,358.5	8.6	6,847.1
December.....	1,132.9	2,955.1	2,325.1	1,529.8	8.8	7,951.7
January.....	1,075.0	2,410.7	2,442.4	1,401.1	8.0	7,337.2
February.....	1,012.0	1,986.5	2,401.6	1,063.6	70.3	6,534.0
March.....	944.4	1,569.1	2,093.9	859.8	54.0	5,521.2
April.....	879.2	1,145.9	1,767.8	577.9	32.8	4,403.6
May.....	789.3	790.7	1,465.4	415.1	20.8	3,481.3
June.....	698.4	583.3	1,171.5	275.5	13.6	2,742.3
July.....	580.3	403.3	861.9	175.3	9.0	2,029.8

1/ Based on production of 13.7 million bales. Monthly volumes in storage by region obtained from Current Industrial Report, Series M22P, U.S. Bureau of the Census (monthly).

Table 29--Estimated volumes of cotton stored in public storage and at compresses, by region and month, 1974-75 crop year 1/

Month	Region					Total
	South- east	South Central	South- west	West	Other	
<hr/>						
	----- <u>1,000 bales</u> -----					
Volumes in storage, end of:						
August.....	289.8	524.8	797.5	101.2	1.7	1,715.0
September.....	294.6	1,216.0	409.8	292.4	2.2	2,215.0
October.....	840.5	2,757.6	1,007.5	1,139.9	11.5	5,757.0
November.....	999.0	2,617.0	2,054.2	1,350.7	14.1	7,035.0
December.....	1,157.5	2,582.7	2,622.0	1,503.9	7.9	7,874.0
January.....	1,118.8	2,194.3	2,656.2	1,176.5	72.2	7,218.0
February.....	1,094.6	1,817.9	2,426.0	998.5	64.0	6,401.0
March.....	1,064.6	1,384.0	2,134.5	697.3	42.6	5,323.0
April.....	964.1	964.1	1,788.0	505.4	25.4	4,247.0
May.....	667.6	557.6	1,117.9	261.8	13.1	2,618.0
June.....	559.1	389.0	830.9	168.1	7.9	1,955.0
July.....	510.5	355.2	758.6	153.5	7.2	1,785.0

1/ Based on estimated production of 13.0 million bales. Monthly volumes in storage by region estimated from historical trends.



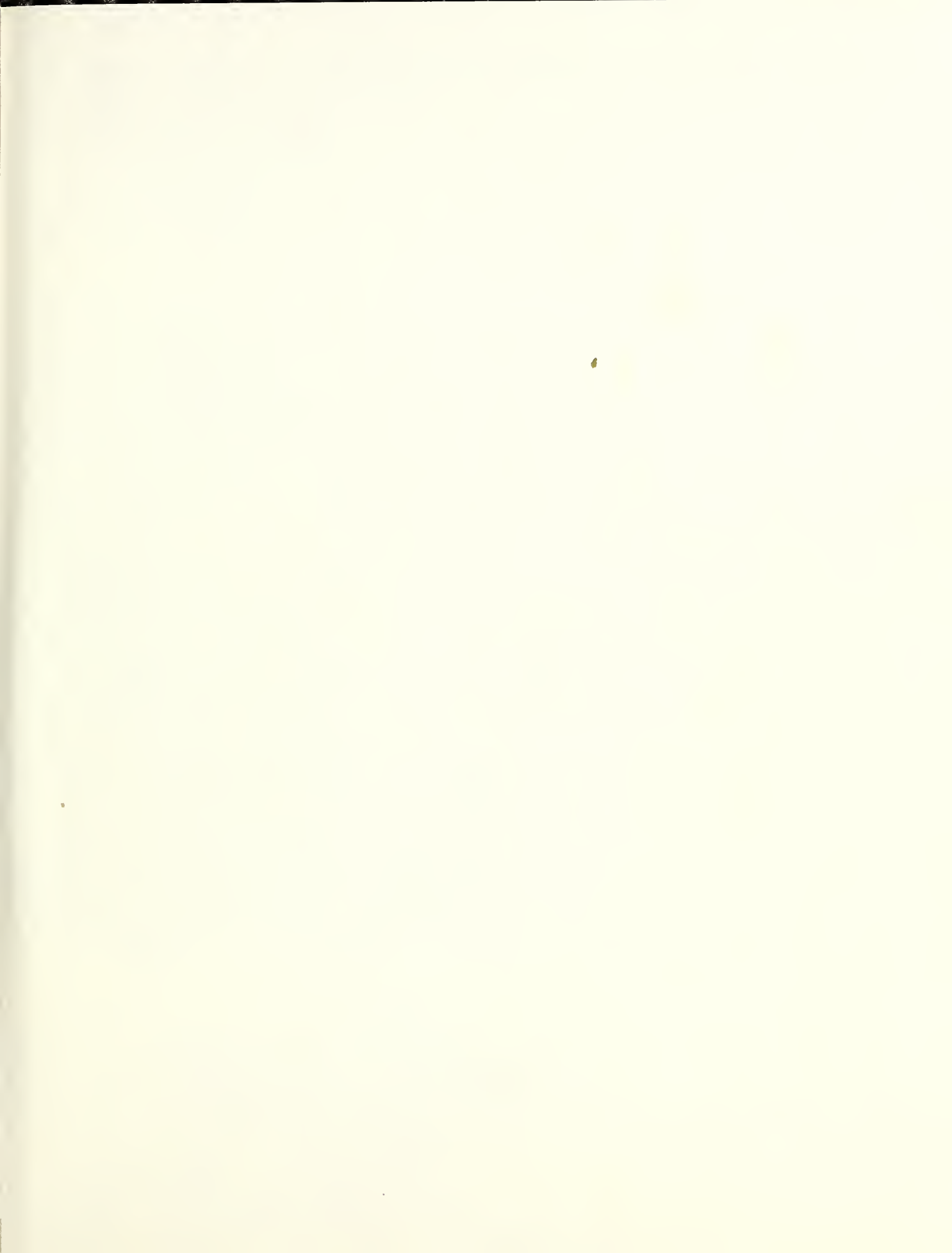
Table 30--Estimated volumes of cotton stored in public storage and at compresses, by region and month, 1974-75 crop year 1/

Month	Region					Total
	South- east	South Central	South- west	West	Other	
	<u>1,000 bales</u>					
Volumes in storage, end of:						
August.....	400.8	257.4	970.9	121.2	.7	1,751.0
September.....	397.0	718.7	1,092.3	138.6	2.4	2,349.0
October.....	836.8	3,454.3	1,164.0	830.5	6.4	6,292.0
November.....	1,139.8	3,739.6	1,366.2	1,545.8	15.6	7,807.0
December.....	1,254.4	3,286.2	2,579.5	1,696.1	1718	8,834.0
January.....	1,208.6	2,696.8	2,737.9	1,570.4	8.3	8,222.0
February.....	1,146.5	2,248.7	2,722.1	1,205.7	74.0	7,397.0
March.....	1,075.2	1,785.8	2,383.2	980.9	62.9	6,288.0
April.....	1,035.0	1,345.5	2,075.2	677.9	41.4	5,175.0
May.....	748.4	748.4	1,388.0	392.3	19.9	3,297.0
June.....	659.7	551.0	1,104.6	258.7	13.0	2,587.0
July.....	719.0	500.3	1,068.5	216.2	10.0	2,514.0

1/ Based on estimated production of 14.5 million bales. Monthly volumes in storage by region estimated from historical trends.

Table 31--Cotton warehouses and compresses: Number, storage capacity, and size group, by area and United States, fiscal 1971-72 and 1972-73

Area and bale capacity group	Number of plants		Capacity of plants	
	1971-72	1972-73	1971-72	1972-73 1/
	Number		1,000 bales	
<b>Warehouses</b>				
Southeast:				
5,000 or less.....	177	152	498.1	424.4
5,001-15,000.....	149	151	1,292.9	1,303.2
15,001-25,000.....	19	18	376.2	363.6
25,001-50,000.....	19	16	615.2	506.5
50,001 and greater.....	6	6	480.9	428.4
Total.....	370	343	3,263.3	3,026.1
South Central:				
5,000 or less.....	2	1	7.4	3.8
5,001-15,000.....	19	20	207.8	208.7
15,001-25,000.....	7	7	153.0	157.5
25,001-50,000.....	3	3	101.5	89.7
50,001 and greater.....	2	3	348.5	363.6
Total.....	33	34	818.2	823.3
Southwest:				
5,000 or less.....	9	9	27.6	30.0
5,001-15,000.....	18	22	200.5	238.1
15,001-25,000.....	15	15	315.8	316.4
25,001-50,000.....	12	10	413.8	331.8
50,001 and greater.....	4	1	287.2	105.0
Total.....	58	57	1,244.9	1,021.3
Total warehouses.....	464	434	5,326.4	4,870.7
<b>Compresses</b>				
Southeast:				
50,000 or less.....	1	2	50.0	77.5
50,001-100,000.....	7	7	443.5	420.0
100,001 and greater.....	0	0	0	0
Total.....	8	9	493.5	497.5
South Central:				
50,000 or less.....	55	51	1,889.8	1,797.0
50,001-100,000.....	41	40	2,805.1	2,765.1
100,001 and greater.....	15	15	2,737.8	2,737.8
Total.....	111	106	7,432.7	7,299.9
Southwest:				
50,000 or less.....	32	37	1,058.5	1,161.3
50,001-100,000.....	16	18	1,175.5	1,282.2
100,001 and greater.....	10	9	1,503.7	1,508.7
Total.....	58	64	3,737.7	3,952.2
West:				
50,000 or less.....	11	10	420.5	388.0
50,001-100,000.....	6	7	353.8	428.8
100,001 and greater.....	6	6	1,346.2	1,338.7
Total.....	23	23	2,120.5	2,155.5
Ports:				
50,000 or less.....	3	2	91.5	77.5
51,001-100,000.....	5	3	424.0	211.1
100,001 and greater.....	5	5	880.8	1,062.0
Total.....	13	10	1,396.3	1,350.6
Total compresses.....	213	212	15,180.7	15,255.7
Total, all plants.....	674	646	20,507.1	20,126.4



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